SDS · SAFETY DATA SHEET (GHS / REACH)

Fluorescent Blue Liquid Pigment 1 L

Article: TM19032511 · **INCI:** May contain (+/-): CI 45380, CI 45410, CI 12075, CI 42090
Document No. SDS-223224-EN-2611 · **Revision:** 11.2026

Product page

1 Identification of the substance/mixture and of the company

Trade name	Fluorescent Blue Liquid Pigment 1 L
Article	TM19032511
INCI	May contain (+/-): CI 45380, CI 45410, CI 12075, CI 42090
Recommended use	nail art, decorative coatings, bath bombs and bath salts, decor, epoxy resin, candles, slime, paints and art materials
Uses advised against	Intended for decor, nail art, bath products and technical applications. Not for use in the eye area or on lips.
Supplier	**Mylo-Opt** 1st Pishchanyi Lane, 1, Kremenchuk, Poltava region, Ukraine +38 (063) 690-06-72 · mysoapoptom@gmail.com мыло-опт.com.ua
Emergency telephone	+38 (063) 690-06-72 (Mon–Fri, 8:00–17:00)

2 Hazards identification

Classification (CLP/GHS)	Not classified as hazardous.
Label elements	No pictograms, signal word or H-statements required.
Other hazards	None expected.

3 Composition / information on ingredients

Mixture. Components are not classified as hazardous at the stated concentrations unless otherwise stated in section 2.

Component	CAS	EC	Content, %
Glycerin	56-81-5	200-289-5	10–30
Aqua (Water)	7732-18-5	231-791-2	40–70
CI 45380	17372-87-1	241-409-6	0–10
CI 45410	18472-87-2	242-355-6	0–10

CI 12075	3468-63-1	222-429-4	0–10
CI 42090	3844-45-9	223-339-8	0–10

4 First aid measures

Inhalation	Move to fresh air. Seek medical advice if breathing difficulties occur.
Skin	Wash off with water and a mild cleanser.
Eyes	Do not rub. Rinse with plenty of water for 10–15 min. Seek medical advice if irritation persists.
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical advice if unwell.
Most important symptoms	Eye irritation on contact.

5 Firefighting measures

Flammability	Non-combustible.
Extinguishing media	Water spray, foam, dry powder, CO_2 – appropriate to surrounding fire.
Hazardous combustion products	On combustion – carbon oxides (CO, CO_2), possibly nitrogen and sulfur oxides.
Firefighter equipment	Self-contained breathing apparatus and protective clothing.

6 Accidental release measures

Personal precautions	Avoid eye contact; surfaces may become slippery. Use protective equipment (section 8).
Environmental precautions	Do not allow to enter drains or water bodies.
Clean-up methods	Absorb with inert material (sand, vermiculite), place in a closed container; rinse residues with water.

7 Handling and storage

Safe handling	Avoid eye contact. Ensure ventilation. Do not eat or drink while working. Wash hands after handling.
Storage conditions	in a dry place, in a tightly closed container, protected from direct sunlight, at +5...+30 °C
Incompatible materials	Strong oxidizers.

8 Exposure controls / personal protection

Occupational exposure limits	Nuisance dust: 10 mg/m³ (inhalable), 3 mg/m³ (respirable).
Engineering controls	General and local exhaust ventilation.
Respiratory protection	Not required under normal conditions.
Eye protection	Safety glasses with side shields.
Hand protection	Nitrile gloves.

9 Physical and chemical properties

Physical state / appearance	liquid
Color	blue
Odor	faint characteristic
pH	6–8
Melting point	not applicable
Density	1.05–1.25 g/cm³
Solubility	pigments do not dissolve, only colors
Flash point	not applicable / > 100 °C
Explosive properties	none

10 Stability and reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Freezing, temperatures above 40 °C, direct sunlight.
Hazardous decomposition	On combustion – carbon oxides (CO, CO_2), possibly nitrogen and sulfur oxides.

11 Toxicological information

Acute toxicity: LD50 oral (rat) > 2000 mg/kg (estimated from components). May cause slight eye irritation. No sensitizing effect expected. Not classified as mutagenic or carcinogenic.

12 Ecological information

Contained dyes may color water even at low concentrations. Not readily biodegradable. Do not allow to enter water bodies or drains. Not PBT/vPvB.

13 Disposal considerations

Product	Dispose of in accordance with local regulations; do not discharge large quantities into drains.
Packaging	Dispose of or recycle empty packaging.

14 Transport information

UN number	Not applicable
ADR / RID / IMDG / IATA	Not regulated as dangerous goods.
Special precautions	None required.

15 Regulatory information

Regulation (EC) No 1907/2006 (REACH), Regulation (EC) No 1272/2008 (CLP). Some fluorescent dyes have restrictions for cosmetic use under Annex IV of Regulation (EC) No 1223/2009 (not for the eye area).

16 Other information

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Note	The information reflects current knowledge and relates only to the product specified. It does not constitute a guarantee of properties for any specific application.